

**PATENT APPLICATION TRANSMITTAL LETTER**  
(Small Entity)

Docket No.  
RFSUNY-3631 R1407

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Transmitted herewith for filing under 35 U.S.C. 111 and 37 C.F.R. 1.53 is the patent application of:

For: **MODEL FOR MUTUALLY EXCLUSIVE DOMAIN FOLDING MOLECULAR SWITCH**

Enclosed are:


- ☒ Certificate of Mailing with Express Mail Mailing Label No. **ER999186912US**  
☒ **8** sheets of drawings.  
☒ A certified copy of a \_\_\_\_\_ application.  
☒ Declaration ☒ Signed. ☐ Unsigned.  
☒ Power of Attorney  
☒ Information Disclosure Statement  
☐ Preliminary Amendment  
☐ \_\_\_\_\_ Verified Statement(s) to Establish Small Entity Status Under 37 C.F.R. 1.9 and 1.27.  
☐ Other:

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	20	- 20 =	0	x \$9.00	\$0.00
Indep. Claims	2	- 3 =	0	x \$43.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$385.00
TOTAL FILING FEE					\$385.00

- ☒ A check in the amount of **\$385.00** to cover the filing fee is enclosed.  
☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. **503033** as described below. A duplicate copy of this sheet is enclosed.  
☐ Charge the amount of \_\_\_\_\_ as filing fee.  
☒ Credit any overpayment.  
☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.  
☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: 03/15/2004

  
Signature  
Sander Rabin  
Reg. No. 43,598 Customer No. 41672  
Sander Rabin MD JD  
Convergent Technology Patent Law Group  
2 Irving Place  
Troy, NY 12180-4417  
(518) 272-7962

cc:

13049 U.S. PTO  
031704

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)  
\$385.00

## Complete if Known

Application Number

Filing Date

First Named Inventor

Examiner Name

Art Unit

Attorney Docket No.

RFSUNY-3681 R1407

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit  
Account  
Number

503033

Deposit  
Account  
Name

Sander Rabin MD JD

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	385.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) \$385.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims				Fee from below	Fee Paid
Total Claims	20	- 20** =	0	X	0.00
Independent Claims	2	- 3** =	0	X	0.00
Multiple Dependent				0.00	0.00

Large Entity	Small Entity	Fee Description	
Fee Code (\$)	Fee Code (\$)	Fee	Fee
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non - English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR § 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Statement	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

## SUBMITTED BY

Name (Print/Type)

Sander Rabin

Registration No.  
(Attorney/Agent)

53,498

## Complete (if applicable)

Telephone

(518) 272-7962

Signature

Date

03.15.04

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Sander Rabin MD JD  
Convergent Technology Patent Law Group  
Two Irving Place  
Troy, New York 12180-4417  
VOICE: 518 272-7962  
FAX: 518 274-2424  
[mdjdnexusip@hotmail.com](mailto:mdjdnexusip@hotmail.com)

March 17, 2004

Commissioner of Patents  
Box 1450  
Alexandria, VA 22313-1459

**Re: Nonprovisional Patent Application**  
**Title: MODEL FOR MUTUALLY EXCLUSIVE DOMAIN FOLDING**  
**MOLECULAR SWITCH**  
**Docket No. RFSUNY-3681 R1407**

Dear Sir:

Enclosed is a nonprovisional patent application and corresponding paperwork for the above-referenced matter, which are being submitted for filing with the United States Patent and Trademark Office.

Very truly yours,

Convergent Technology Patent Law Group  
  
Sander Rabin, MD JD

Enclosures

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Stewart N. Loh et al

Docket No.

RFSUNY-3681 R1407

Serial No.

Filing Date

Examiner

Group Art Unit

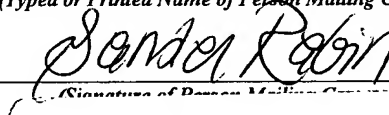
Invention: **MODEL FOR MUTUALLY EXCLUSIVE DOMAIN FOLDING MOLECULAR SWITCH**

I hereby certify that the following correspondence:

Nonprovisional patent application and corresponding paperwork

*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231

03/17/2004*(Date)***Sander Rabin***(Typed or Printed Name of Person Mailing Correspondence)***ER999186912US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**